GH-615B / GH-615M

GS-Sport Training Gym

Software Guide

Version 0.1

1. PC Software application

1.1 Install USB driver

The USB driver is needed when you connect the GH-615 to PC. If the driver is not installed, your PC could not recognize GH-615.

1. Insert the CD into the CD-ROM drive, and the Autorun will start automatically.
2. Click on the "USB Driver" button to install the "PL-2303 USB-to-Serial" driver to your PC.
3. Follow the instruction to complete the installation.

1.1-1 System Requirement

For better performance, the following system requirement is recommended for GH-615 GS-Sport Training GYM:

● CPU: Pentium III or above.

● RAM: at least 512 MB

● OS: Windows 2000 , XP and Vista

● Internet Explorer 6.0 or above

● Framework 2.0 or above

1.1-2 How to install GS-Sport Training GYM

● **Install Framework v2.0 or above**

1. Check the Microsoft Framework version in your system

Control Panel > Add/Remove Program

Note: Windows XP SP2, SP3 and Vista have Framework version above 2.0

System Requirements

Supported Operating Systems: Windows Server 2003; Windows Server 2008; Windows Vista; Windows XP

Please download Framework Version 3.5 as

http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=333325fd-ae52-4e35-b531-508d977d32a6

Supported Operating Systems: Windows 2000 Service Pack 4; Windows Server 2003; Windows XP Service Pack 2Supported Operating

Supported Operating Systems: Windows Server 2003; Windows XP

Please download Framework Version 3.0 as

http://www.microsoft.com/downloads/details.aspx?familyid=EC2CA85D-B255-4425-9E65-1E88A0BDB72A&displaylang=en

Supported Operating Systems: Windows 2000 Service Pack 4; Windows Server 2003; Windows XP Service Pack 2

Please download Framework Version 2.0 SP1 as

http://www.microsoft.com/downloads/details.aspx?familyid=79BC3B77-E02C-4AD3-AACF-A7633F706BA5&displaylang=en

2. Install Framework

- **Install GS-Sport Training GYM**

Use auto-run to install GS-Sport Training GYM or double-click the installation file from CD.
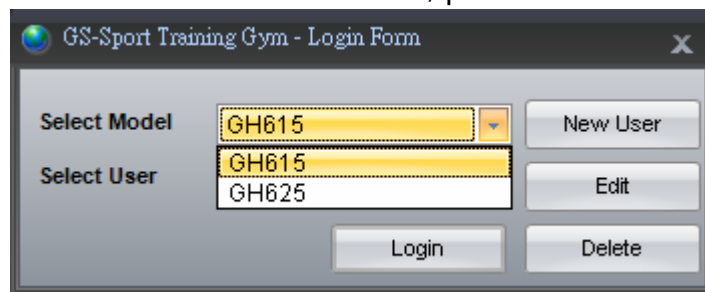
1.1-3 Run the GS-Sport Training GYM

You can run the GS-Sport Training GYM by double click on the "GH-615 GS-Sport Training GYM" icon from desktop. Or click from **Start** > **All Programs** > **GlobalSat GS-Sport** > **GS-Sport Training GYM**.
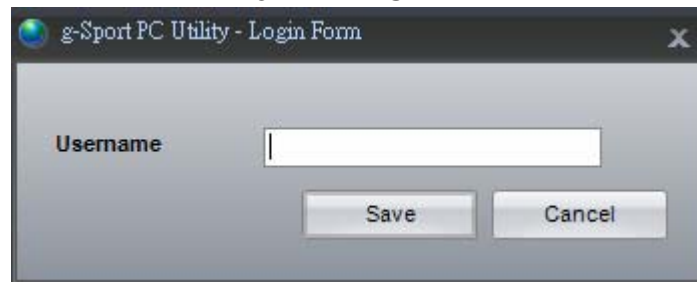

1.2 How to use GS-Sport Training GYM

1.2-1 Choose Device version

● When the device is connected to PC, please choose which model is used.

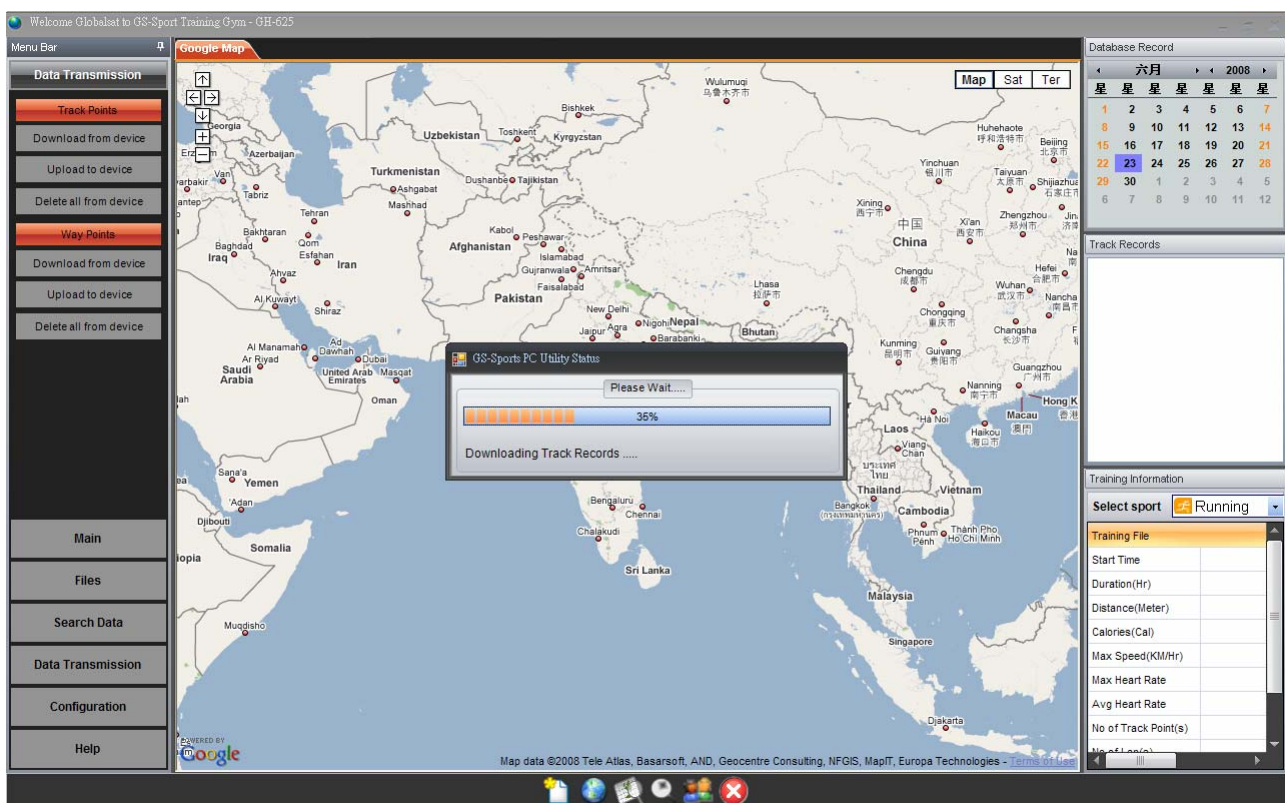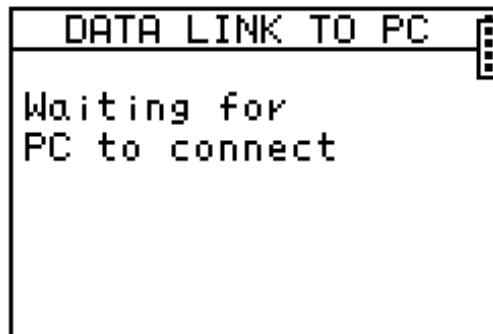### 1.2-2 Add New User

● Create new user name by clicking the "New User" icon.

● Login

● Please connect to Internet before the software is opened.

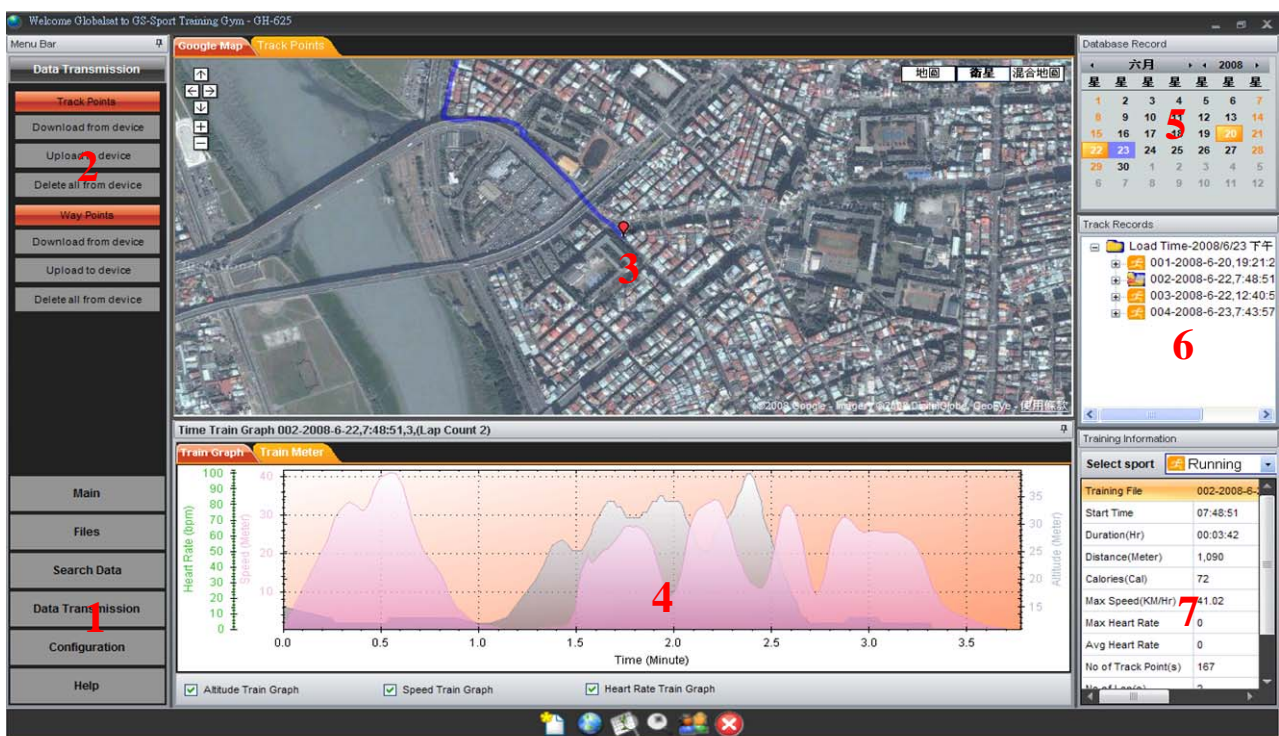- Please Choose "Data Transmission" and select which saved data will be downloaded.

- You can transfer the training data from GH-615 to your PC by selecting [MAIN MENU] > [CONFIGURATION] > [DATA LINK TO PC].

1.2-3 Section Description

1. Main Function
2. Sub tool Bar
3. Google Map, Track point data, Waypoint Data
4. Statistics analysis tools, Play Meter
5. Training data base saved by calendar
6. Training list
7. Training detail information
8. Software control Function

1.2-4 Menu Structure

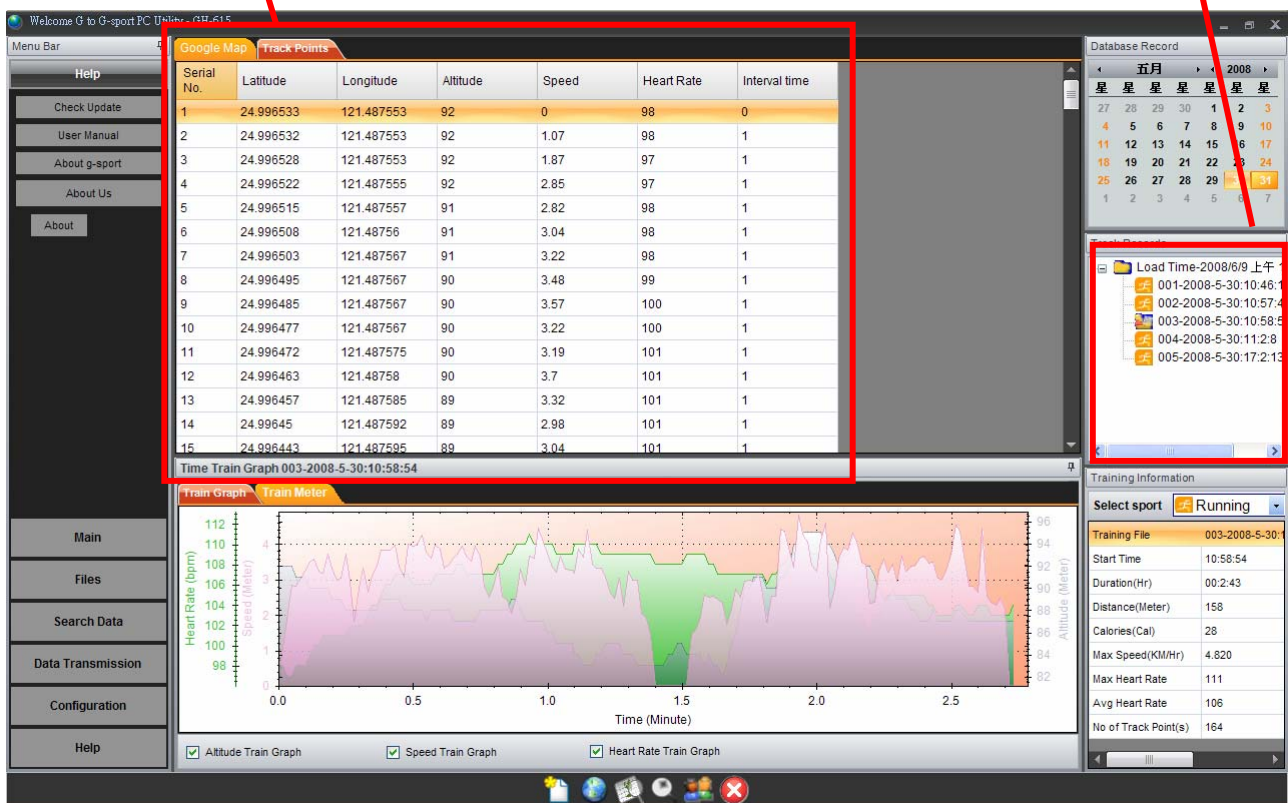|		
Main	Import Activity	Save training information to a **ghd** format file.
	Export Activity	Export training information to **KML**, **CSV**, **Text** or **CPX** format.
	Capture Google Map	Capture current Google Map window as **JPG** format
	Show on Google Map	Show Training data on Google Map. Specify the folders for saving different format of files when you export the training information.
	Show on Google Earth	Show Training data on Google Earth. Quit the application, you will be asked to save the document.
Files	Open	Open file (support **gpx**, **kml**, **nmea**, **csv** and **text** format)
	Save	Save file (support **gpx**, **kml**, **nmea**, **csv** and **text** format)
Search Data	Search by Date	Search records from database by selecting "start date" and "End date"
	Search by Sport	Search records from database by Sport's type
Data Transmission	Track Points	Download from Device
		Upload from Device
		Delete all from Device
	Way Points	Download from device
		Upload from Device
		Delete all from Device
Configuration	Com port Setting	Device Com port setting
	Device Configuration	Device information
	Firmware Upgrade	Firmware updated function
	Unit Exchange	Three Unit selection(Metric, Statute and Nautical)
	Language	Six Language selection(English, Traditional Chinese, Spanish, German, Italian and French)
Help	Check update	Check the latest version from FTP site
	About GS-Sport	GS-Sport introduction
	About US	The team information

1.2-5 Download Data from GH-615

● Connect GH-615 to your PC with the USB cable.

In GH-615, press [MAIN MENU] > [CONFIGURATION] > [DATA LINK TO PC]

In GS-Sport Training GYM, click [Data Transmission] > [Trackpoints]> [Download from Device] or [Waypoint]> [Download from Device].

The downloaded training data will be stored in calendar.

The downloaded **Trackpoints** details are displayed in this panel.
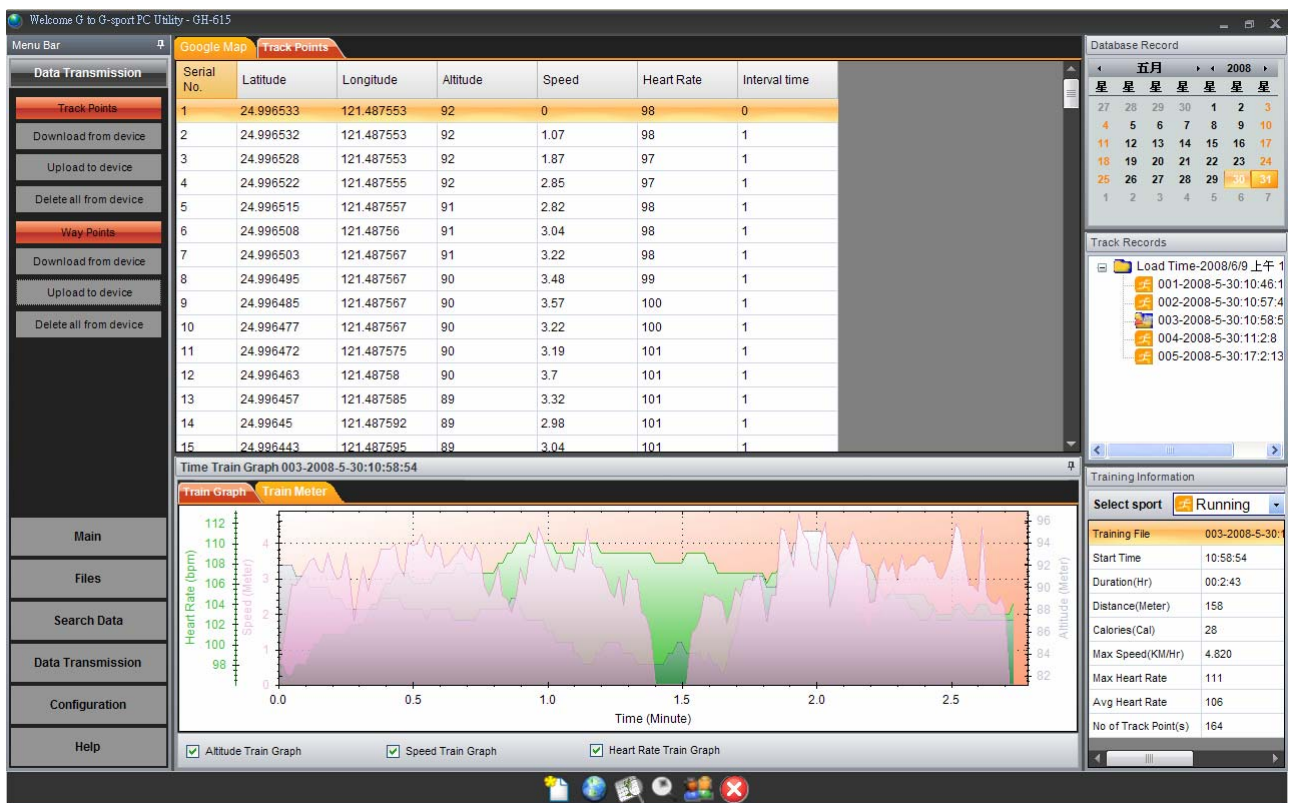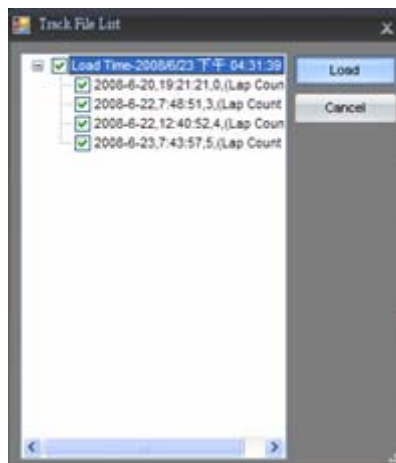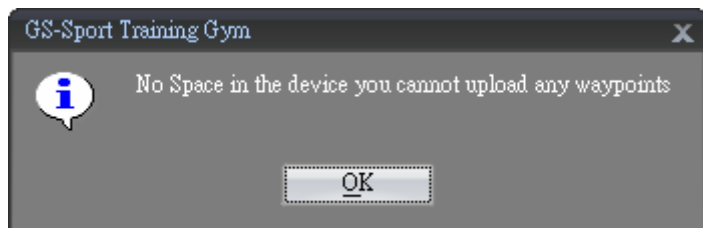
The training file will show in this panel.

1.2-6 Upload Data to GH-615

● Connect GH-615 to your PC with the USB cable.

In GH-615, press [MAIN MENU] > [CONFIGURATION] > [DATA LINK TO PC].
In GS-Sport Training GYM, click [Data Transmission] > [Trackpoints]> [upload from Device] or [Waypoint]> [upload from Device].

When GS-Sport Training Gym searches successful, there will be "Track File list" window pop-up.

When the download procedure is processing, the progressing message will be displayed on screen.

If the memory space is full, you need to delete some waypoints before you can make the uploading. Meanwhile, the waypoint or training data will overwrite the one with the same Location Name.

1.2-7 Waypoint Edition

1.2-8 View statistic curve

From statistics analysis area, check the kind of curve you want to view. (Or click the curve buttons from tool bar.)
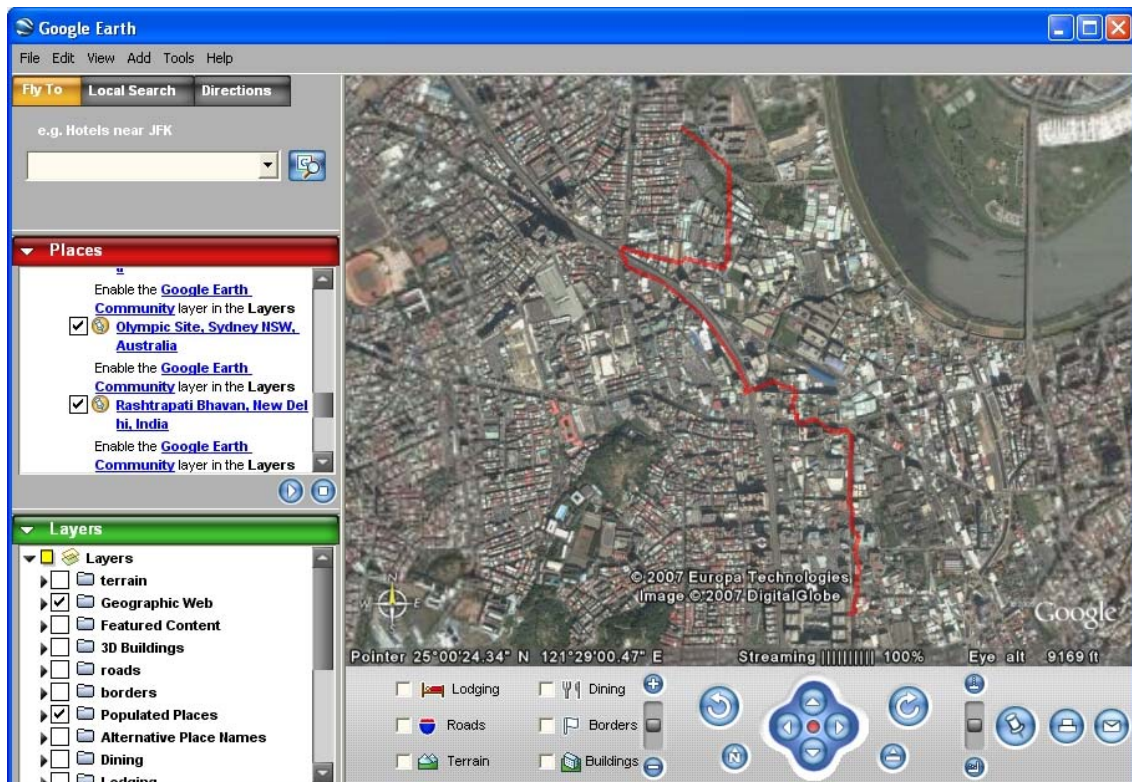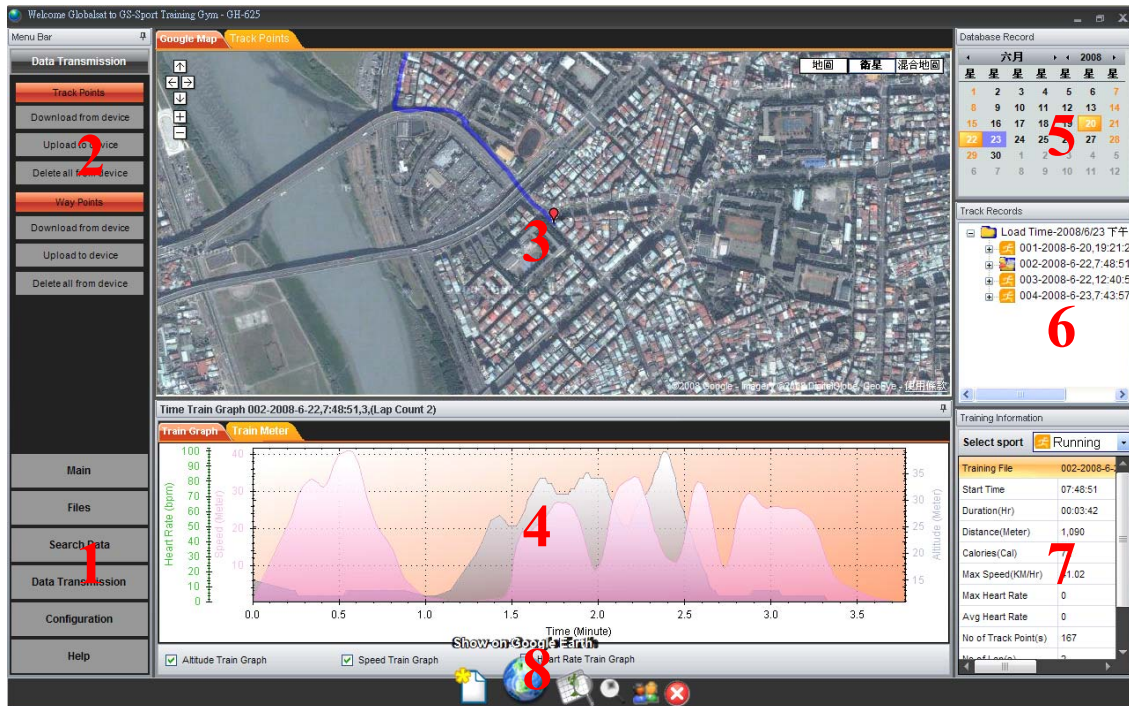

1.2-9 Replay the training
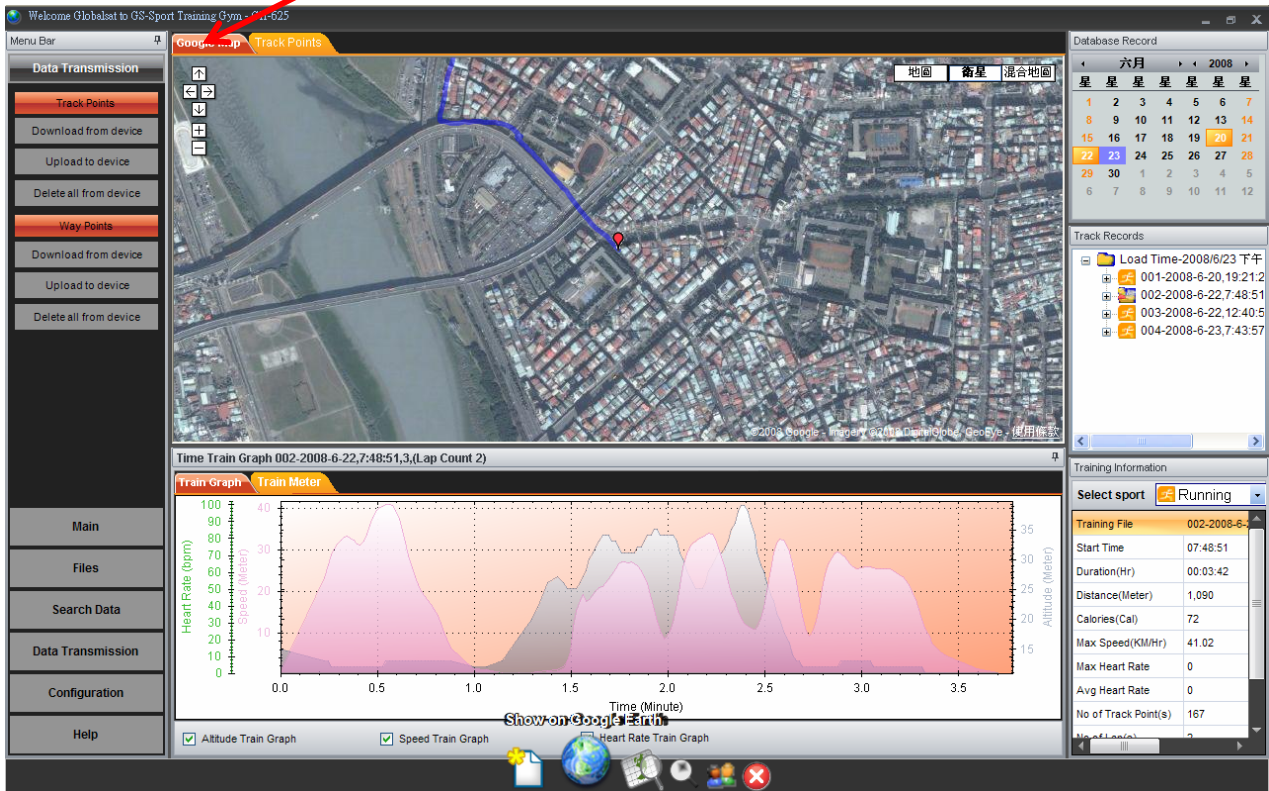
1.2-10 View Track points in Google Earth

1. Click the Track Records on the section 6.

2. Double click the earth icon on section 8.　The software will open Google Earth automatically if Google Earth has been installed in the computer. The Track points will be shown on Google Earth. (This feature requires Google Earth installed on your system.)

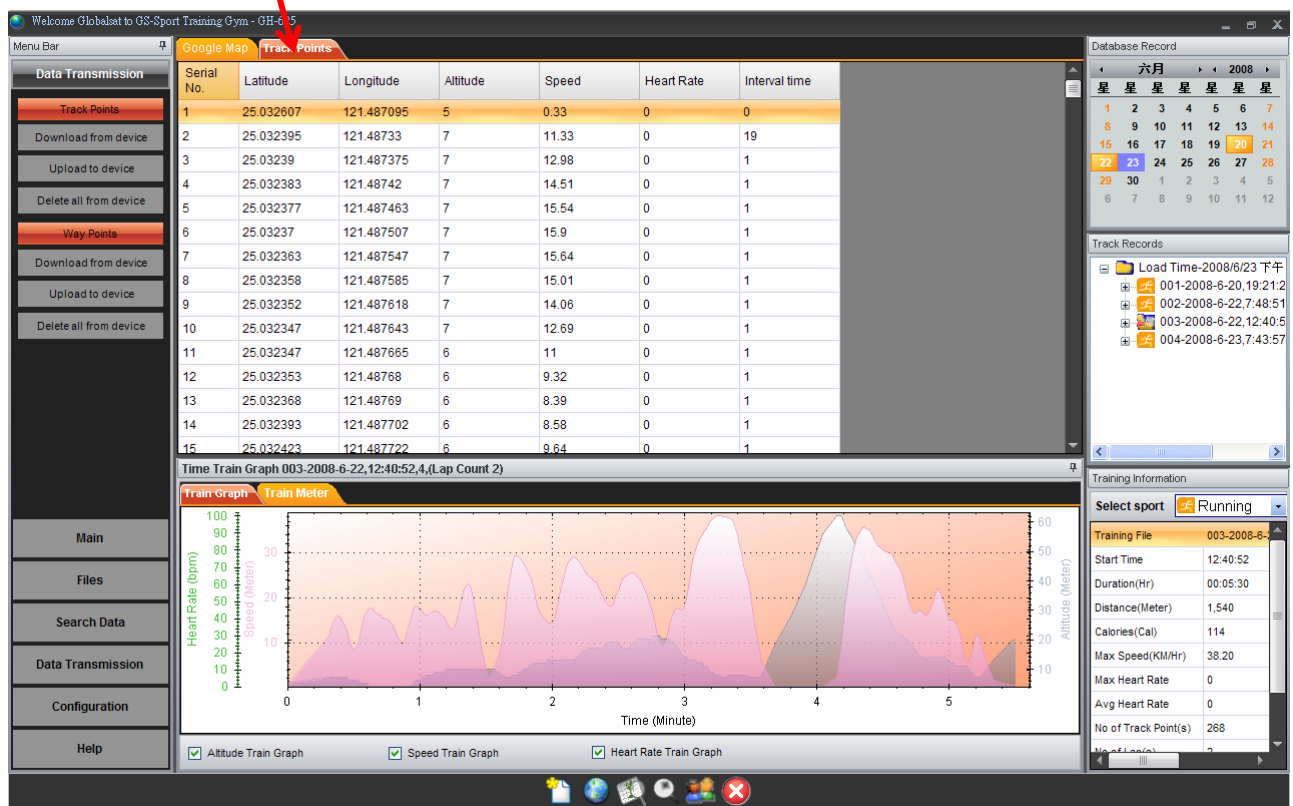### 1.2-11 View Track points in Google Maps

Click the Track Records from the training files area, and the training trace will appear on the Google Map.

● **The Track-points will appear on the Map.**

1.2-12 View Track points information for details
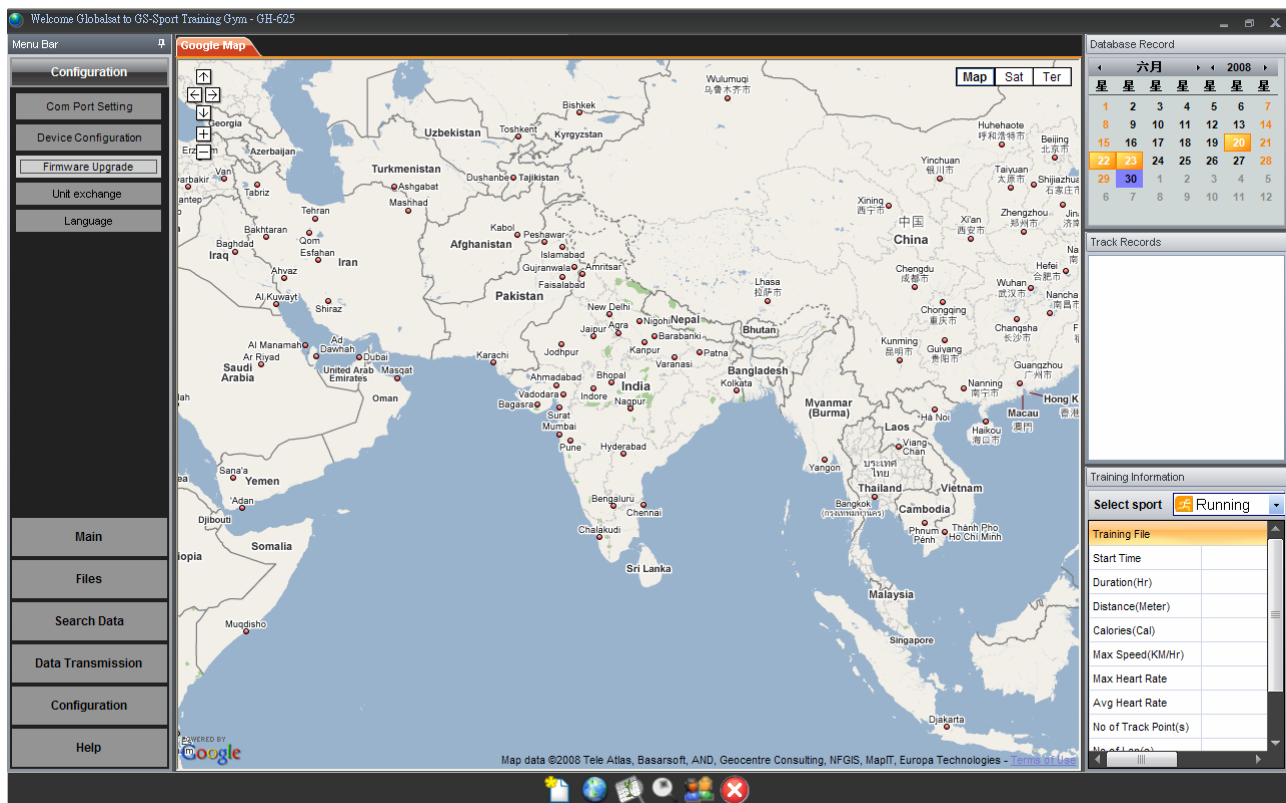
● Select Track-points Bar

1.2-13 Firmware Upgrade

● Connect GH-615 to your PC with the USB cable.

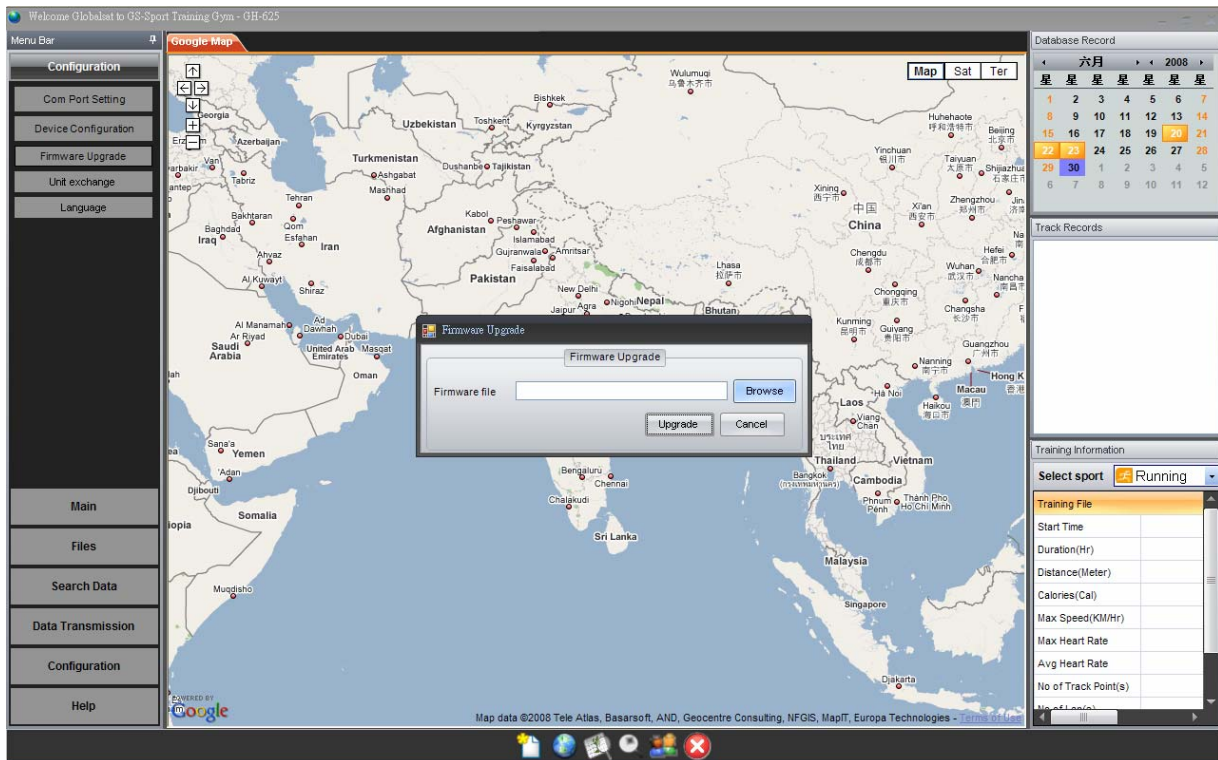In GH-615, press [MAIN MENU] > [CONFIGURATION] > [SYSTEM UPGRADE].

● Please follow the destruction list below.

Note: Interruption of firmware update will cause GH-615 malfunction.
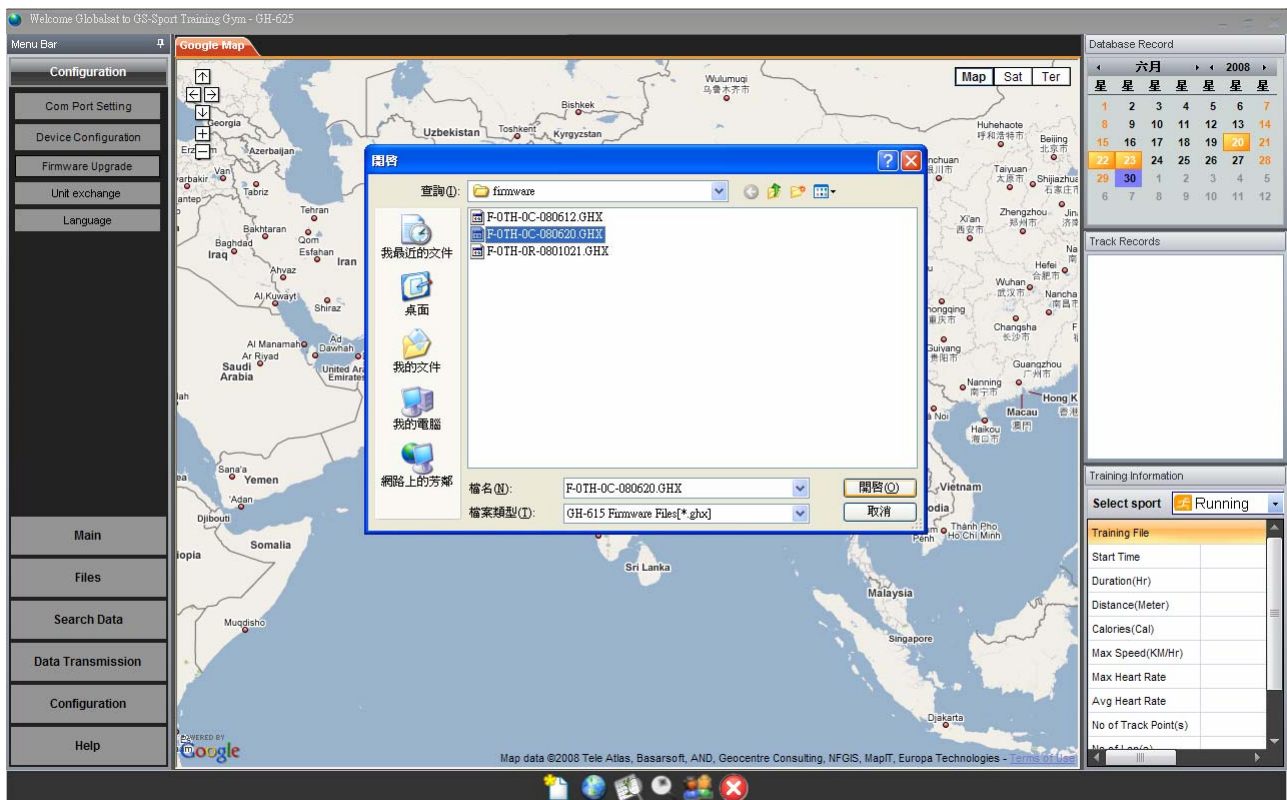
1. In GS-Sport Training GYM, click [Configuration] > [Firmware Upgrade] from menu bar.
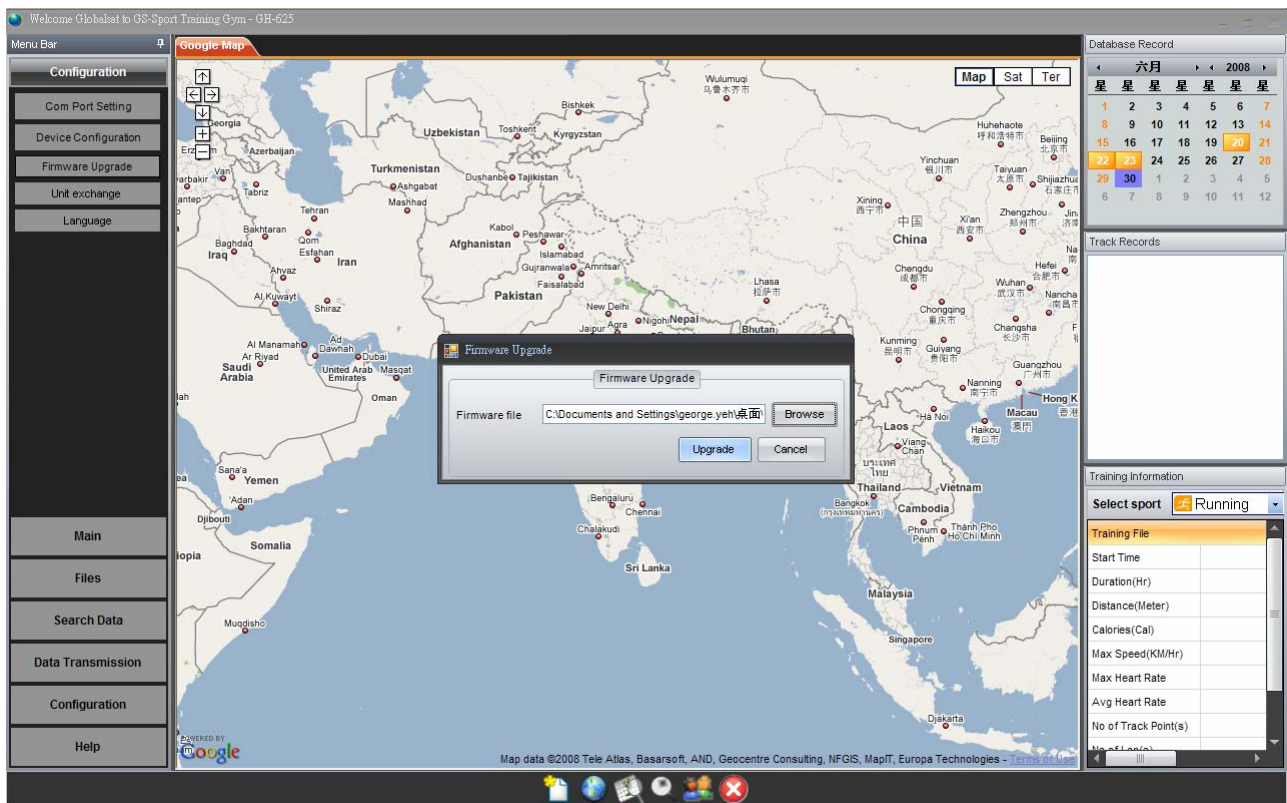
2. Browse for the firmware file (*.GHX). Click on the "Upgrade" button to start firmware upgrade process.
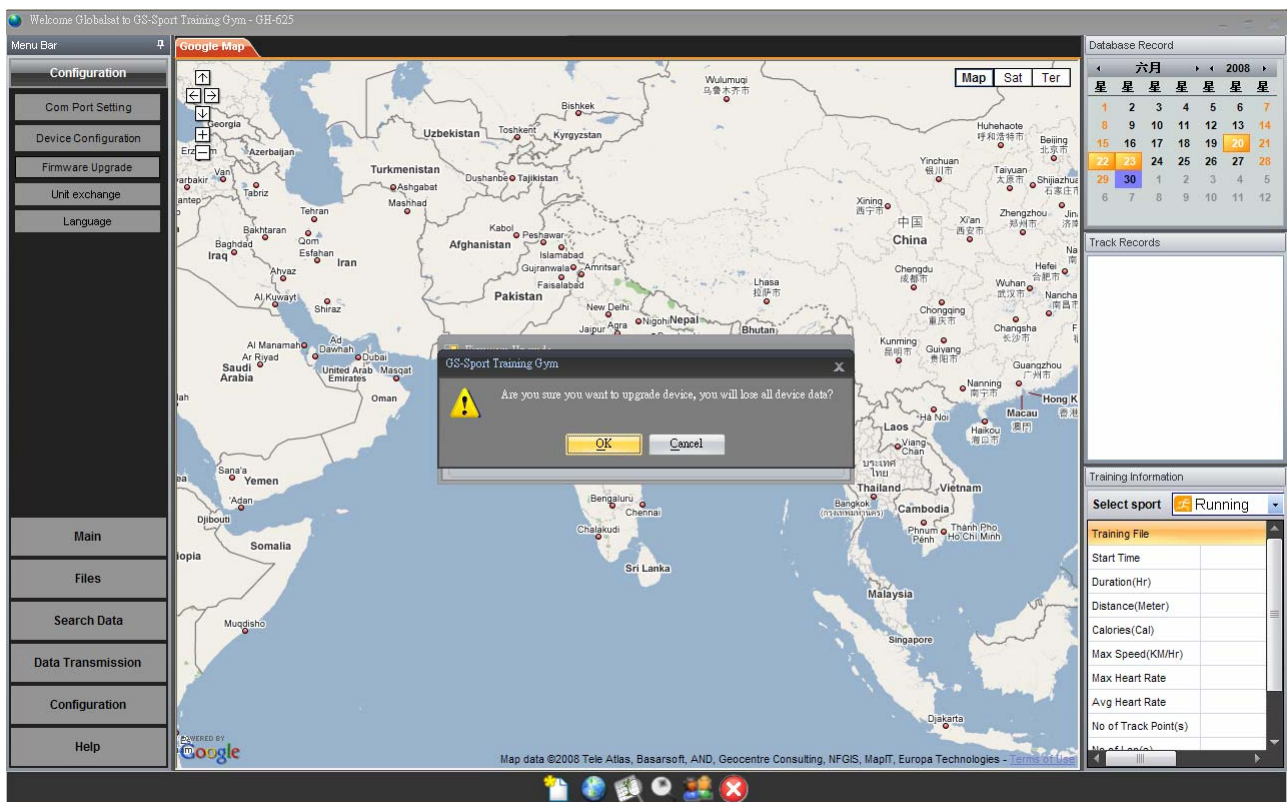

1. Select the firmware version
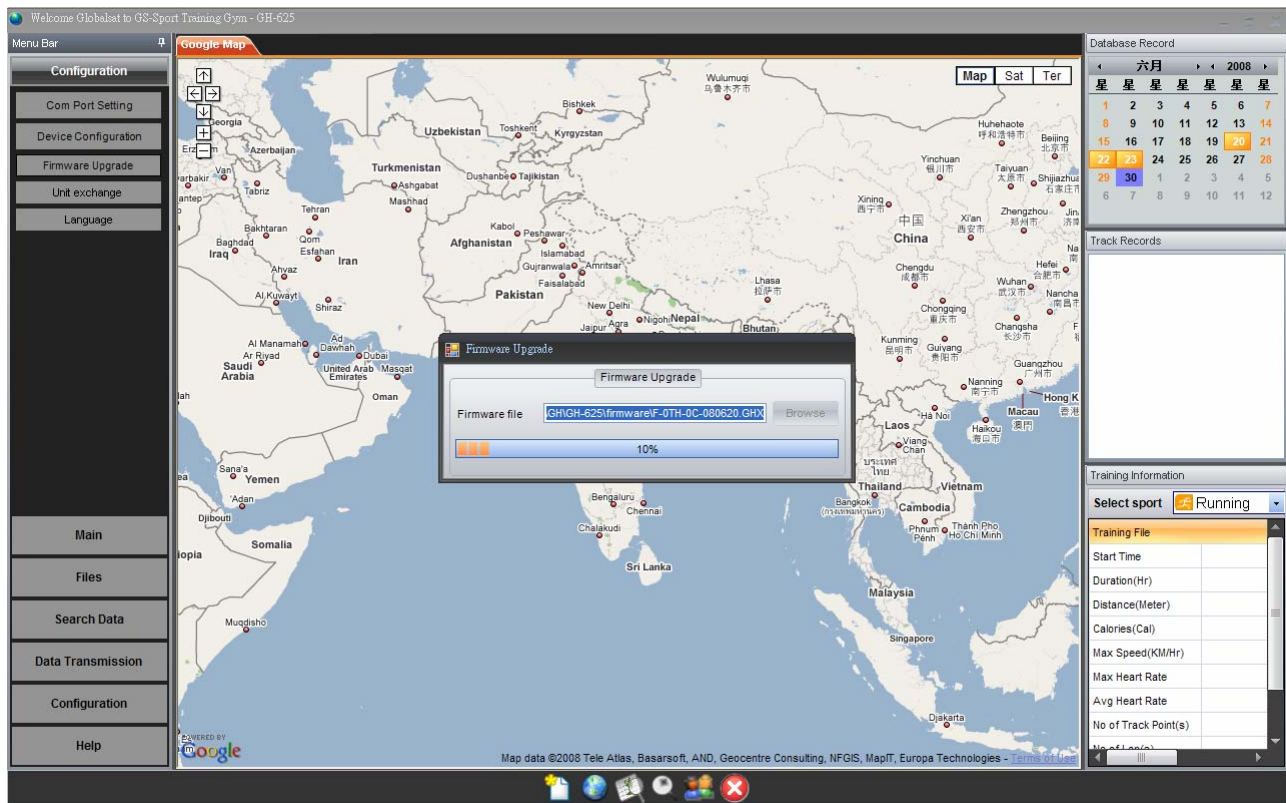
2. Click the "Upgrade" button.

3. Confirmation of firmware upgrade. If you decided to upgrade firmware, please click "OK".
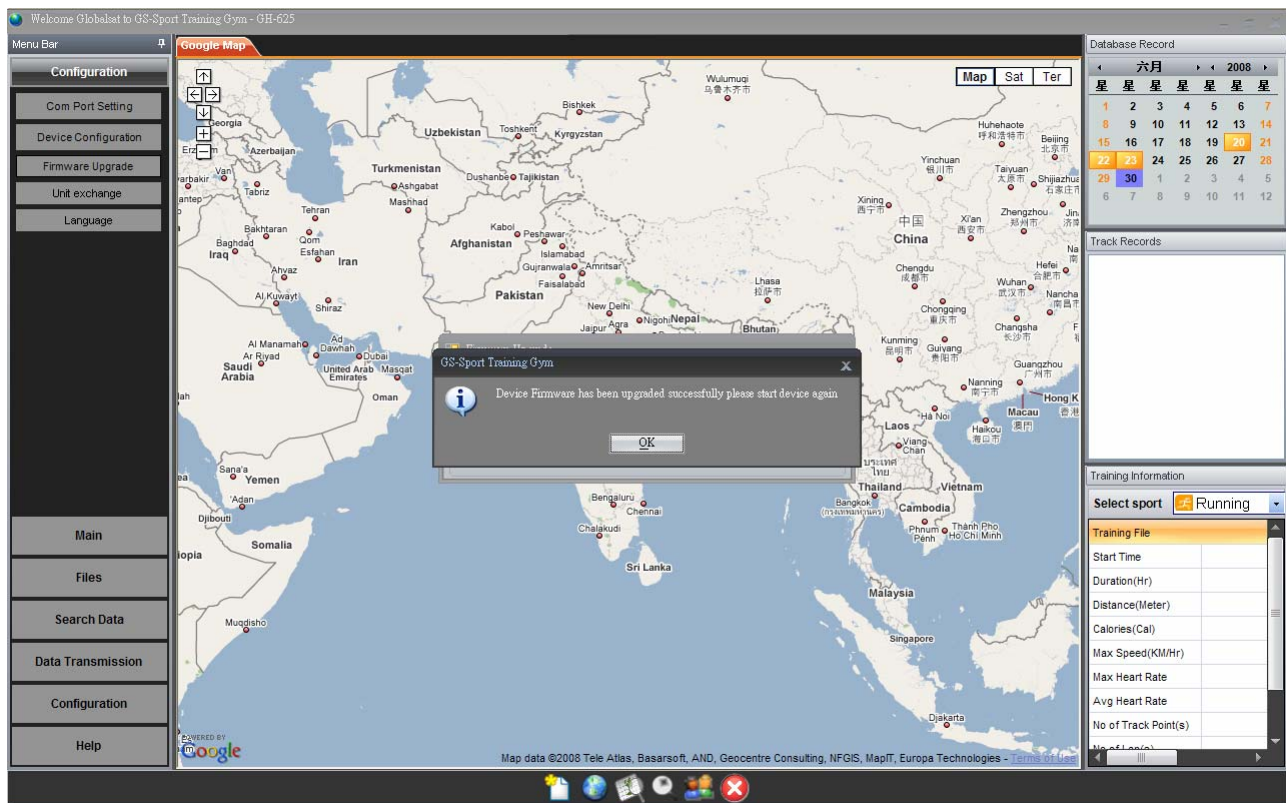
4. Upgrade processing Bar.

Note: Interruption of firmware update will cause GH-615 malfunction. Do not unplug GH-615 or turn off the Software.

5. Upgrade successful. GH-615 will shut down automatically.

1.2-14 Display the system information of GH-615

● Connect GH-615 to your PC and GS-Sport Training GYM select the
[Configuration] > [Device Configuration]